

**POLYSULFONE COMPOSITIONS EXHIBITING VERY LOW COLOR AND HIGH
LIGHT TRANSMITTANCE PROPERTIES AND ARTICLES MADE THEREFROM**

ABSTRACT OF THE DISCLOSURE

A polysulfone composition is provided having a total luminous light transmittance of 84 % or greater when measured on 0.1 inch thick specimens using ASTM D-1003. The specimens also meet at least one of the following two conditions: 1) a yellowness index (YI) of less than about 5.0 as measured according to ASTM D-1925 on 0.1 inch thick specimens, or 2) a color factor (CF) of less than about 25, wherein CF is defined by the following equation:

$$CF = 270[(x+y)_{\text{sample}} - (x+y)_{\text{air}}]/t$$

wherein x and y are chromaticity coordinates measured in transmittance mode and t is sample thickness in inches. Another polysulfone composition is provided comprising a polysulfone, an organic phosphorous-containing melt stabilizer, and at least one of the following additives: a blue to violet dye, and an organic optical brightener. The polysulfone composition of the present invention is used to form transparent molded articles such as ophthalmic lenses.